

**Title:****ACTIVITY OF THE SYMPATHOADRENAL SYSTEM IN COSMONAUTS DURING 25-DAY SPACE-FLIGHT ON STATION MIR****Author(s):** [KVETNANSKY R](#), [NOSKOV VB](#), [BLAZICEK P](#), [GHARIB C](#), [POPOVA IA](#), [GAUQUELIN G](#), [MACHO L](#), [GUELL A](#), [GRIGORIEV AI](#)**Source:** ACTA ASTRONAUTICA 23: 109-116 1991**Title:****Effect of long-term experimental hypodynamy on the adrenal glands of Japanese quails: An ultrastructural study****Author(s):** [Cigankova V](#), [Zibrin M](#), [Boda K](#), [Holovska K](#)**Source:** BULLETIN OF THE VETERINARY INSTITUTE IN PULAWY 49 (4): 449-453 2005**Title:****Homocysteine levels in vegetarians versus omnivores****Author(s):** [Krajcovicova-Kudlackova M](#), [Blazicek P](#), [Kopcova J](#), [Bederova A](#), [Babinska K](#)**Source:** ANNALS OF NUTRITION AND METABOLISM 44 (3): 135-138 MAY-JUN 2000

Joubert LM, Manore MM

[Exercise, nutrition, and homocysteine](#)

INTERNATIONAL JOURNAL OF SPORT NUTRITION AND EXERCISE METABOLISM 16 (4): 341-361 AUG 2006

Ingenbleek Y

[The nutritional relationship linking sulfur to nitrogen in living organisms](#)

JOURNAL OF NUTRITION 136 (6): 1641S-1651S Suppl. S JUN 2006

**Title:****Repeated stress-induced stimulation of catecholamine response is not followed by altered immune cell redistribution****Author(s):** [Imrich R](#), [Tibenska E](#), [Koska J](#), [Ksinantova L](#), [Kvetnansky R](#), [Bergendiova-Sedlackova K](#), [Blazicek P](#), [Vigas M](#)**Source:** STRESS: CURRENT NEUROENDOCRINE AND GENETIC APPROACHES ANNALS OF THE NEW YORK ACADEMY OF SCIENCES 1018: 266-272 2004**Author(s):** [Ray MR](#), [Basu C](#), [Roychoudhury S](#), [Banik S](#), [Lahiri T](#)**Source:** JOURNAL OF OCCUPATIONAL HEALTH 48 (3): 210-215 MAY 2006**Author(s):** [Eggers V](#), [Pascher A](#), [Althoff H](#), [Thiele S](#), [Mutze J](#), [Selignow J](#), [Neuhaus P](#), [Spies CD](#)**Source:** ALCOHOLISM-CLINICAL AND EXPERIMENTAL RESEARCH 30 (1): 140-149 JAN 2006**Author(s):** [Garaiova I](#), [Muchova J](#), [Sustrova M](#), [Blazicek P](#), [Sivonova M](#), [Kvasnicka P](#), [Pueschel S](#), [Durackova Z](#)**Source:** BIOLOGIA 59 (6): 787-794 NOV 2004**Author(s):** [Gallova L](#), [Pavelkova M](#), [Macickova T](#), [Nosál R](#), [Ciz M](#), [Lojek A](#)**Source:** BIOLOGIA 60: 125-128 Suppl. 17, 2005**Title:****Post-hatching dynamics of plasma biochemistry in free-living European starlings (*Sturnus vulgaris*)****Author(s):** [Jurani M](#), [Vyboha P](#), [Zeman M](#), [Lamosova D](#), [Kost'al L](#), [Blazicek P](#)**Source:** COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR & INTEGRATIVE PHYSIOLOGY 138 (1): 89-95 MAY 2004

Gyenis J, Suto Z, Romvari R, et al.

[Tracking the development of serum biochemical parameters in two laying hen strains - a comparative study](#)

ARCHIV FUR TIERZUCHT-ARCHIVES OF ANIMAL BREEDING 49 (6): 593-606 2006

Rajman M, Jurani M, Lamosova D, et al.

[The effects of feed restriction on plasma biochemistry in growing meat type chickens \(\*Gallus gallus\*\)](#)

COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR &amp; INTEGRATIVE PHYSIOLOGY 145 (3): 363-371 NOV 2006

Ardia DR

[Glycated hemoglobin and albumin reflect nestling growth and condition in American kestrels](#)

COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR &amp; INTEGRATIVE PHYSIOLOGY 143 (1): 62-66 JAN 2006

**Author(s):** [ZEMAN M](#), [VYBOH P](#), [JURANI M](#), [LAMOSOVA D](#), [KOSTAL L](#), [BILCIK B](#), [BLAZICEK P](#), [JURANIOVA E](#)**Source:** COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-PHYSIOLOGY 105 (2): 323-328 JUN 1993

Stebelova K, Mach M, Herichova I, et al.

[Melatonin concentration in plasma, pineal gland and duodenum of pregnant rats and their fetuses after melatonin and phenytoin administration](#)

ACTA VETERINARIA BRNO 75 (2): 161-167 JUN 2006

Aparicio S, Garau C, Nicolau MC, et al.

[Opposite effects of tryptophan intake on motor activity in ring doves \(diurnal\) and rats \(nocturnal\)](#)

COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY A-MOLECULAR &amp; INTEGRATIVE PHYSIOLOGY 144 (2): 173-179 JUN 2006

Bojkova B, Markova M, Ahlersova E, et al.

[Metabolic effects of prolonged melatonin administration and short-term fasting in laboratory rats](#)

ACTA VETERINARIA BRNO 75 (1): 21-32 MAR 2006

**Author(s):** [Valachovicova M](#), [Krajcovicova-Kudlackova M](#), [Blazicek P](#), [Babinska K](#)**Source:** EUROPEAN JOURNAL OF NUTRITION 45 (1): 52-54 FEB 2006

Stella C, Beckwith-Hall B, Cloarec O, et al.  
[Susceptibility of human metabolic phenotypes to dietary modulation](#)  
JOURNAL OF PROTEOME RESEARCH 5 (10): 2780-2788 OCT 6 2006

**Title:**

**Influence of age on activities of antioxidant enzymes and lipid peroxidation products in erythrocytes and neutrophils of Down syndrome patients**

**Author(s):** [Muchova J](#), [Sustrova M](#), [Garaiova I](#), [Liptakova A](#), [Blazicek P](#), [Kvasnicka P](#), [Pueschel S](#), [Durackova Z](#)

**Source:** FREE RADICAL BIOLOGY AND MEDICINE 31 (4): 499-508 AUG 15 2001

Rosety-Rodriguez M, Rosety M, Ordonez FJ

[Influence of regular exercise on erythrocyte catalase activity in adolescents with Down syndrome](#)  
MEDICINA CLINICA 127 (14): 533-534 OCT 14 2006

Javier OF, Manuel R, Manuel RR

[Regular physical activity increases glutathione peroxidase activity in adolescents with Down syndrome](#)  
CLINICAL JOURNAL OF SPORT MEDICINE 16 (4): 355-356 JUL 2006

Pallardo FV, Degan P, d'Ischia M, et al.

[Multiple evidence for an early age pro-oxidant state in Down Syndrome patients](#)  
BIOGERONTOLOGY 7 (4): 211-220 AUG 2006

Miles MV, Patterson BJ, Schapiro MB, et al.

[Coenzyme Q\(10\) absorption and tolerance in children with Down syndrome: A dose-ranging trial](#)  
PEDIATRIC NEUROLOGY 35 (1): 30-37 JUL 2006

Ordonez FJ, Rosety M, Rosety-Rodriguez M

[Regular exercise did not modify significantly superoxide dismutase activity in adolescents with Down's syndrome](#)  
BRITISH JOURNAL OF SPORTS MEDICINE 40 (8): 717-718 AUG 2006

Zana M, Szecsenyi A, Czibula A, et al.

[Age-dependent oxidative stress-induced DNA damage in Down's lymphocytes](#)  
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS 345 (2): 726-733 JUN 30 2006

Zitnanova I, Korytar P, Sobotova H, et al.

[Markers of oxidative stress in children with Down syndrome](#)  
CLINICAL CHEMISTRY AND LABORATORY MEDICINE 44 (3): 306-310 MAR 2006

Ordonez FJ, Rosety-Rodriguez M, Rosety M

[A 12-week physical activity program increases glucose-6-phosphate-dehydrogenase activity in Down syndrome adolescents.](#)  
MEDICINA-BUENOS AIRES 65 (6): 518-520 2005

**Title:**

**Downregulation of metastasis suppressor genes in malignant pheochromocytoma**

**Author(s):** [Ohta S](#), [Lai EW](#), [Pang ALY](#), [Brouwers FM](#), [Chan WY](#), [Eisenhofer G](#), [de Krijger R](#), [Ksinantova L](#), [Breza J](#), [Blazicek P](#), [Kvetnansky R](#), [Wesley RA](#), [Pacak K](#)

**Source:** INTERNATIONAL JOURNAL OF CANCER 114 (1): 139-143 MAR 10 2005

Zarnegar R, Kebebew E, Duh QY, et al.

[Malignant pheochromocytoma](#)  
SURGICAL ONCOLOGY CLINICS OF NORTH AMERICA 15 (3): 555+ JUL 2006

Yoshioka J, Schreiter ER, Lee RT

[Role of thioredoxin in cell growth through interactions with signaling molecules](#)  
ANTIOXIDANTS & REDOX SIGNALING 8 (11-12): 2143-2151 NOV-DEC 2006

Sisson JC, Shulkin BL, Esfandiari NH

[Courses of malignant pheochromocytoma - Implications for therapy](#)  
ANNALS OF THE NEW YORK ACADEMY OF SCIENCES 1073: 505-511 2006

Dhillon WS, Savage P, Murphy KG, et al.

[Plasma kisspeptin is raised in patients with gestational trophoblastic neoplasia and falls during treatment](#)  
AMERICAN JOURNAL OF PHYSIOLOGY-ENDOCRINOLOGY AND METABOLISM 291 (5): E878-E884 NOV 2006

Li J, Zhou J, Chen G, et al.

[Inhibition of ovarian cancer metastasis by adeno-associated virus-mediated gene transfer of nm23H1 in an orthotopic implantation model](#)  
CANCER GENE THERAPY 13 (3): 266-272 MAR 2006

Jung S, Paek YW, Moon KS, et al.

[Expression of Nm23 in gliomas and its effect on migration and invasion in vitro](#)  
ANTICANCER RESEARCH 26 (1A): 249-258 JAN-FEB 2006

**Title:**

**Effects of ramipril in nondiabetic nephropathy: improved parameters of oxidative stress and potential modulation of advanced glycation end products**

**Author(s):** [Sebekova K](#), [Gazdikova K](#), [Syrova D](#), [Blazicek P](#), [Schinzel R](#), [Heidland A](#), [Spustova V](#), [Dzurik R](#)

**Source:** JOURNAL OF HUMAN HYPERTENSION 17 (4): 265-270 APR 2003

Saisho Y, Komiya N, Hirose H

[Effect of valsartan, an angiotensin II receptor blocker, on markers of oxidation and glycation in Japanese type 2 diabetic subjects: Blood pressure-independent effect of valsartan](#)  
DIABETES RESEARCH AND CLINICAL PRACTICE 74 (2): 201-203 NOV 2006

Hartog JW, de Vries APJ, Bakker SJL, et al.

[Risk factors for chronic transplant dysfunction and cardiovascular disease are related to accumulation of advanced glycation end-products in renal transplant recipients](#)

NEPHROLOGY DIALYSIS TRANSPLANTATION 21 (8): 2263-2269 AUG 2006

**Title:**

**Malondialdehyde, lipofuscin and activity of antioxidant enzymes during physical exercise in patients with essential hypertension**

**Author(s):** Koska J, Syrova D, Blazicek P, Marko M, Grna JD, Kvetnansky R, Vlgas M

**Source:** JOURNAL OF HYPERTENSION 17 (4): 529-535 APR 1999

Caner M, Karter Y, Uzun H, et al.

[Oxidative stress in human in sustained and white coat hypertension](#)

INTERNATIONAL JOURNAL OF CLINICAL PRACTICE 60 (12): 1565-1571 DEC 2006

Zhou LC, Xiang W, Potts J, et al.

[Reduction in extracellular superoxide dismutase activity in African-American patients with hypertension](#)

FREE RADICAL BIOLOGY AND MEDICINE 41 (9): 1384-1391 NOV 1 2006

**Title:**

**Melatonin content in plasma and large intestine of patients with colorectal carcinoma before and after surgery**

**Author(s):** Vician M, Zeman M, Herichova I, Jurani M, Blazicek P, Matis P

**Source:** JOURNAL OF PINEAL RESEARCH 27 (3): 164-169 OCT 1999

Moser M, Schaumberger K, Schernhammer E, et al.

[Cancer and rhythm](#)

CANCER CAUSES & CONTROL 17 (4): 483-487 MAY 2006

**Title:**

**Seasonal changes in markers of oxidative damage to lipids and DNA; correlations with seasonal variation in diet**

**Author(s):** Smolkova B, Dusinska M, Raslova K, McNeill G, Spustova V, Blazicek P, Horska A, Collins A

**Source:** MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS 551 (1-2): 135-144 JUL 13 2004

Kannan S, Misra DP, Dvonch JT, et al.

[Exposures to airborne particulate matter and adverse perinatal outcomes: A biologically plausible mechanistic framework for exploring potential effect modification by nutrition](#)

ENVIRONMENTAL HEALTH PERSPECTIVES 114 (11): 1636-1642 NOV 2006

A, Michel A, Sordo M, et al.

[DNA damage, oxidative mutagen sensitivity, and repair of oxidative DNA damage in nonmelanoma skin cancer patients](#)

ENVIRONMENTAL AND MOLECULAR MUTAGENESIS 47 (7): 509-517 AUG 2006

Moller P, Loft S

[Dietary antioxidants and beneficial effect on oxidatively damaged DNA](#)

FREE RADICAL BIOLOGY AND MEDICINE 41 (3): 388-415 AUG 1 2006

Moller P

[Assessment of reference values for DNA damage detected by the comet assay in human blood cell DNA](#)

MUTATION RESEARCH-REVIEWS IN MUTATION RESEARCH 612 (2): 84-104 MAR 2006

Giovannelli L, Pitozzi V, Moretti S, et al.

[Seasonal variations of DNA damage in human lymphocytes: Correlation with different environmental variables](#)

MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS 593 (1-2): 143-152 JAN 29 2006

**Title:**

**Glutathione S-transferase polymorphisms influence the level of oxidative DNA damage and antioxidant protection in humans**

**Author(s):** Dusinska M, Ficek A, Horska A, Raslova K, Petrovska H, Vallova B, Drlickova M, Wood SG, Stupakova A, Gasparovic J, Bobek P, Nagyova A, Kovacikova Z, Blazicek P, Liegebel U, Collins AR

**Source:** MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS 482 (1-2): 47-55 Sp. Iss. SI, OCT 1 2001

Reszka E, Wasowicz W, Gromadzinska J

[Genetic polymorphism of xenobiotic metabolising enzymes, diet and cancer susceptibility](#)

BRITISH JOURNAL OF NUTRITION 96 (4): 609-619 OCT 2006

Hernandez A, Xamena N, Gutierrez S, et al.

[Basal and induced micronucleus frequencies in human lymphocytes with different GST and NAT2 genetic backgrounds](#)

MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS 606 (1-2): 12-20 JUL 14 2006

**Title:**

**Reduced plasma homocysteine levels in levodopa/entacapone treated Parkinson patients**

**Author(s):** Valkovic P, Benetin J, Blazicek P, Valkovicova L, Gmitterova K, Kukumberg P

**Source:** PARKINSONISM & RELATED DISORDERS 11 (4): 253-256 JUN 2005

Agnati LF, Ferre S, Genedani S, et al.

[Allosteric modulation of dopamine D-2 receptors by homocysteine](#)

JOURNAL OF PROTEOME RESEARCH 5 (11): 3077-3083 NOV 3 2006

Muller T, Kuhn W

[Tolcapone decreases plasma levels of S-adenosyl-L-homocysteine and homocysteine in treated Parkinson's disease patients](#)

EUROPEAN JOURNAL OF CLINICAL PHARMACOLOGY 62 (6): 447-450 JUN 2006

Zesiewicz TA, Wecker L, Sullivan KL, et al.

[The controversy concerning plasma homocysteine in Parkinson disease patients treated with levodopa alone or with entacapone: Effects of vitamin status](#)

CLINICAL NEUROPHARMACOLOGY 29 (3): 106-111 MAY-JUN 2006

Chandra G, Gangopadhyay PK, Kumar KSS, et al.

[Acute intranigral homocysteine administration produces stereotypic behavioral changes and striatal dopamine depletion in Sprague-Dawley rats](#)

BRAIN RESEARCH 1075: 81-92 FEB 23 2006

Zoccolella S, Iliceto G, deMari M, et al.

[L-dopa related hyperhomocysteinemia: A possible mediator of toxicity?](#)

LETTERS IN DRUG DESIGN & DISCOVERY 2 (7): 558-562 NOV 2005

**Title:**

**Plasma levels of advanced glycation end products in children with renal disease**

**Author(s):** [Sebekova K](#), [Podracka L](#), [Blazicek P](#), [Syrova D](#), [Heidland A](#), [Schinzel R](#)

**Source:** PEDIATRIC NEPHROLOGY 16 (12): 1105-1112 DEC 2001

Zimanyi MA, Denton KM, Forbes JM, et al.

[A developmental nephron deficit in rats is associated with increased susceptibility to a secondary renal injury due to advanced glycation end-products](#)

DIABETOLOGIA 49 (4): 801-810 APR 2006

Thornalley PJ

[Measurement of protein glycation, glycated peptides, and glycation free adducts](#)

PERITONEAL DIALYSIS INTERNATIONAL 25 (6): 522-533 NOV-DEC 2005

**Title:**

**Products of DNA, protein and lipid oxidative damage in relation to vitamin C plasma concentration**

**Author(s):** [Krajcovicova-Kudlackova M](#), [Dusinska M](#), [Valachovicova M](#), [Blazicek P](#), [Paukova V](#)

**Source:** PHYSIOLOGICAL RESEARCH 55 (2): 227-231 2006

Hishiyama N, Kayanuma H, Matsui T, et al.

[Plasma concentration of vitamin C in dogs with a portosystemic shunt](#)

CANADIAN JOURNAL OF VETERINARY RESEARCH-REVUE CANADIENNE DE RECHERCHE VETERINAIRE 70 (4): 305-307 OCT 2006

**Title:**

**Effect of C677T methylenetetrahydrofolate reductase gene polymorphism on plasma homocysteine levels in ethnic groups**

**Author(s):** [Gasparovic J](#), [Raslova K](#), [Basistova Z](#), [Zacharova M](#), [Wsolova L](#), [Avdicova M](#), [Blazicek P](#), [Lietava J](#), [Sivakova D](#)

**Source:** PHYSIOLOGICAL RESEARCH 53 (2): 215-218 2004

Nazarenko MS, Puzyrev VP, Lebedev IN

[Frequencies of C677T and A1298C polymorphisms of methylenetetrahydrofolate reductase gene at the early stage of human development](#)

RUSSIAN JOURNAL OF GENETICS 42 (5): 578-583 MAY 2006

**Title:**

**Serum ex vivo lipoprotein oxidizability in patients with ischemic heart disease supplemented with vitamin E**

**Author(s):** [Nagyova A](#), [Mongiellova V](#), [Krivosikova Z](#), [Blazicek P](#), [Spustova V](#), [Gajdos M](#), [Dzurik R](#)

**Source:** PHYSIOLOGICAL RESEARCH 51 (5): 457-464 2002

Pearson P, Lewis SA, Britton J, et al.

[The pro-oxidant activity of high-dose vitamin E supplements in vivo](#)

BIODRUGS 20 (5): 271-273 2006

Kaliora AC, Dedoussis GVZ, Schmidt H

[Dietary antioxidants in preventing atherogenesis](#)

ATHEROSCLEROSIS 187 (1): 1-17 JUL 2006

**Title:**

**Effect of diet and 677 C -> T 5, 10-methylenetetrahydrofolate reductase genotypes on plasma homocyst(e)ine concentrations in Slovak adolescent population**

**Author(s):** [Raslova K](#), [Bederova A](#), [Gasparovic J](#), [Blazicek P](#), [Smolkova B](#)

**Source:** PHYSIOLOGICAL RESEARCH 49 (6): 651-658 2000

Huemer M, Vonblon K, Fodinger M, et al.

[Total homocysteine, folate, and cobalamin, and their relation to genetic polymorphisms, lifestyle and body mass index in healthy children and adolescents](#)

PEDIATRIC RESEARCH 60 (6): 764-769 DEC 2006

**Title:**

**Insulin, catecholamines, glucose and antioxidant enzymes in oxidative damage during different loads in healthy humans**

**Author(s):** [Koska J](#), [Blazicek P](#), [Marko M](#), [Grna JD](#), [Kvetnansky R](#), [Vigas M](#)

**Source:** PHYSIOLOGICAL RESEARCH 49: S95-S100 Suppl. 1, 2000

Rousseau AS, Margaritis I, Arnaud J, et al.

[Physical activity alters antioxidant status in exercising elderly subjects](#)

JOURNAL OF NUTRITIONAL BIOCHEMISTRY 17 (7): 463-470 JUL 2006